

From owner-qrp-1@netcom.com Sun Apr 9 18:32:52 1995  
Date: Sun, 9 Apr 1995 17:18:15 -0400  
From: "John F. Woods" <jfw@jfwhome.funhouse.com>  
Subject: <didn't bother with a subject>  
Message-Id: <199504092118.RAA06436@jfwhome.funhouse.com>

From owner-qrp-1@netcom.com Mon Apr 10 05:52:18 1995  
From: dsibie@hvsag01.att.com (D R Sibie +1 35 87 2252)  
Subject: <didn't bother with a subject>  
Date: Mon, 10 Apr 95 08:37:11 +0200  
Message-Id: <9504100637.AA01333@hvsag01>

subscribe qrp-1

From owner-qrp-1@netcom.com Sun Apr 9 20:55:40 1995  
Date: Sun, 9 Apr 1995 19:49:39 -0400  
From: "John F. Woods" <jfw@jfwhome.funhouse.com>  
Message-Id: <199504092349.TAA06667@jfwhome.funhouse.com>  
Subject: ARCI Spring Sprint wrapup

Well, at least I managed to \*triple\* my haul from the previous contest; at this rate, I should be several hundred contacts per contest by year's end. While three contacts isn't much to show for the effort I put in, at least I did try to put in an effort for this contest, and probably did OK for the amount of time I had available (I started early Sunday morning, when it was 30 degrees outside at my traditional semi-portable spot... BRRR! At least it warmed up to 60 in the afternoon, when I tried again for a little while). Once again, I've proven conclusively that a DC receiver is not a contesting rig; I did manage to fix the light circuit for my workshop, so I should finally be able to touch up the 40-40 and get it working again.

Though people were here reporting dismal things about propagation, 40m seemed pretty full by midday (though 30 and 15 were almost silent).

From owner-qrp-1@netcom.com Sun Apr 9 06:27:23 1995  
From: rarland@grape.epix.net  
Date: Sat, 8 Apr 1995 20:03:49 -0400 (EDT)  
Subject: Re: ATTITUDES  
Message-Id: <Pine.SUN.3.91.950408200122.22203B-100000@grape.epix.net>

On Sat, 8 Apr 1995, Wynn C C wrote:

>  
> Subject: ATTITUDES

> Dear Peter,  
>  
> First, one may notice that there are many on this list whose  
> "significant other" may not be a girl. These folks could be expected,  
> in some cases, to take offense at your suggestion.

Political correctness at its best!

>  
> Second, one should question what on earth this has to do with QRP?  
> Maybe it is the situation where one may not be as gifted as others and  
> is trying to "do more with less". ;-)  
>  
There's always surgery!

72 rich

From owner-qrp-1@netcom.com Mon Apr 10 02:44:59 1995  
Date: Sun, 9 Apr 1995 23:40:56 -0500 (EST)  
From: Bob Stafford <bstaffor@dialin.ind.net>  
Subject: Re: ATTITUDES  
Message-Id: <Pine.SUN.3.91.950409233845.272D-100000@dialin.ind.net>

I really don't care and it doesn't matter to me, BUT how do you know with certainty "that there are many on this list whose 'significant other' may not be a girl"??? But then you are correct in my case - my significant other is a motorcycle..... Now back to QRP!

\*\*\*\*\*  
\\ | Bob Stafford N9USD (aka CircuitRider)  
\\ | 826 N Queen Rd bstaffor@dialin.ind.net  
\\ | 0 Walkerton, IN 46574 [15mi south of S.Bend]  
\\ | \_\_\_\_\_, (219) 784-3790

- BREAST CANCER isn't just for women,  
1,000 MEN get it every year!

\*\*\*\*\*

From owner-qrp-1@netcom.com Sun Apr 9 04:44:20 1995  
Date: Sat, 8 Apr 1995 23:12:36 -0400 (EDT)  
From: prvalko <prvalko@Oakland.edu>  
Subject: Re: Bryon, WA8LCZ, QRP Op  
Message-Id: <Pine.3.89.9504082342.B23583-0100000@saturn.acs.oakland.edu>

On Sat, 8 Apr 1995 rarland@epix.net wrote:

> I got the distinct feeling that there are some on this list  
> who feel that QRP should be done with homebrew gear (bailing wire and  
> bubblegum wrappers), underground antennas and solar panels during a full  
> moon!  
>

Uhhhh... you mean it's NOT?

73! =paul= wb8zjl

From owner-qrp-l@netcom.com Mon Apr 10 01:03:21 1995  
From: N9DD@aol.com  
Date: Sun, 9 Apr 1995 21:56:15 -0400  
Message-Id: <950409215614\_77576595@aol.com>  
Subject: Re: Dan's Small Part & Kits.....

I have to agree that all these rumors of the demise of Dan's Small  
Parts and Kits are premature.

In the few years that I have known of Danny's business, he has  
moved 3 times. It appears he is somewhat of a nomad (or maybe  
outrunning the law? :-) )

Danny seems to have really increased the scope of his business  
with the addition of quite a few kits lately. I think it would be rather  
strange to drop everything now.

73,

Tom Frisz N9DD  
South Bend, IN

From owner-qrp-l@netcom.com Sun Apr 9 10:40:22 1995  
Date: Sun, 9 Apr 1995 08:27:56 -0500 (CDT)  
From: Joe Spencer <jspencer@metronet.com>  
Subject: Re: Delta-Sigma Modulator  
Message-Id: <Pine.HPP.3.90.950409081500.14154B-100000@fohnix.metronet.com>

Stan,

I have some information on Delta-Sigma A/D converters and some other types  
of oversampling converters. I believe that most CD player use some type  
of delta-sima ADC hardware probably of the CS5326-29 family which can  
provide 16 or 18-bit stereo performance. I have the information at work  
and maybe some specifications. I'll take a look...let me know if this is

what you are interested in. I'm not sure of a source...maybe MAXIM, I'll check on that also.

73, Joe KK5NA

On Sat, 8 Apr 1995, Steven Wilson wrote:

> How about some technical items on the list for a change?  
>  
> I am looking for a Delta-Sigma modulator IC. Does anyone know  
> of a source.  
>  
> Does anyone know how the 1-bit A/D converters work in the CD  
> players? Are these actually Delta-Sigma chips ?  
>  
> My application requires that a very low level slowly varying DC  
> (less than 1 khz) voltage be converted to Analog (less than 500 khz)  
> for processing. I want to do this in hardware, hopefully one chip.  
>  
> de stan AK0B  
> e-mail via randyw@crl.com  
>

From owner-qrp-l@netcom.com Sun Apr 9 12:30:05 1995  
Date: Sun, 9 Apr 1995 09:39:47 -0600 (MDT)  
From: Rick Zabrodski <zabrodsk@med.ucalgary.ca>  
Subject: epiphyte amplifier: what value C11  
Message-Id: <Pine.SUN.3.91.950409093553.16325A-100000@ume>

I do not see the listed value of c11 in schematic or parts list  
could someone confirm that this is a 0.1 uf kinda guy?

By the way.....what seems to be a good microphone as an alternative to  
the radioshack one (it works, I just want something more "substantial")  
I have a spare heil element....has anybody tried this one?

\*\*\*\*\*  
Dr. Rick Zabrodski BSc, MD, CCFP(E) \* VE6GK  
Email: zabrodsk@med.ucalgary.ca \* NorCal 519 ARCI 7099 GQRP 8329  
Phone 403-271-5123 Fax 403-225-1276 \* "Power is no substitute for skill"  
\*\*\*\*\*

From owner-qrp-l@netcom.com Sun Apr 9 20:13:21 1995  
Date: Sun, 9 Apr 1995 15:31:53 -0700 (PDT)  
From: "John D. Spittle" <jds@freenet.vancouver.bc.ca>  
Subject: Re: epiphyte amplifier: what value C11  
Message-Id: <Pine.3.89.9504091521.A19955-0100000@freenet.vancouver.bc.ca>

On Sun, 9 Apr 1995, Rick Zabrodski wrote:

> I do not see the listed value of c11 in schematic or parts list  
> could someone confirm that this is a 0.1 uf kinda guy?

You had me confused as I began looking at the Epiphyte schematic before realizing that you were referring to the amplifier. Yes, it's 0.1uF.

> By the way.....what seems to be a good microphone as an alternative to  
> the radioshack one (it works, I just want something more "substantial")  
> I have a spare heil element....has anybody tried this one?

The RS Electrec mic was specified as they all (hopefully) have the same impedance and output. I find a dynamic mic from a junked CB radio usually works fine. However, they don't all behave the same. You can always "try it and see"! Obviously, you don't make the connection to the polarizing voltage when using a dynamic mic.>

72 Derry VE7QK

From owner-qrp-l@netcom.com Sun Apr 9 16:40:43 1995  
Date: Sun, 9 Apr 1995 07:36:58 -0700  
Message-Id: <199504091436.HAA25839@ix4.ix.netcom.com>  
From: duwayne@ix.netcom.com (duwayne schmidlkofer)  
Subject: Hamradio 95 Atlanta QRP forum

Had a great time at the hamfest yesterday and expicaly at the QRP forum. Was nice to meet some of the people I see messages from here. Hope we can all get together again in the future.

--

DuWayne Schmidlkofer		Author of IX Helper
KE4HMP		a off line mailreader for Netcruiser users
Riverdale, GA.		<a href="ftp://ftp.netcom.com/pub/mc/mcstout/nc/ixhelper.zip">ftp://ftp.netcom.com/pub/mc/mcstout/nc/ixhelper.zip</a>

From owner-qrp-l@netcom.com Sun Apr 9 15:14:17 1995  
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)  
Subject: Re KeyCAD  
Date: Sun, 09 Apr 95 10:07:46 EST5EDT

Message-Id: <1995Apr09.100746.5915@wb3ffv.ampr.org>

This is not DIRECTLY related to QRP, but is a sub-topic that has been going on for a while. This is a computer drawing program which is great for doing schematics, and I use it for my column in the QRP Quarterly and KI6DS uses it for some of the drawings in QRPP (there's the QRP tie-in!). As you know, I sent a file with my symbol library to AB4EL to put on the system at sunsite.unc.edu via ftp. Though some people are having trouble getting or using it, it does download properly into my machine, so it can be done :-).

I don't know if it will import into the Mac version. Someone told me they tried it on the Windows version and did not work, and that Windows uses different extensions for drawing files and library files. I have no answers for this one yet.

Here's the deal: the file I sent to AB4EL was produced on a DOS machine, and will work on DOS versions of the program. When you bring it home from the ftp site you can change the name of the file, but you MUST change the extension to .KCF, which is how KeyCAD recognizes it as a drawing file. If you try to run it past KeyCAD with anything other than a .KCF extension, it will ignore it.

I have a README file of sorts that I wrote, and sent copies to a few people to look over before I post it to AB4EL. It's rather rambling and disjointed, but might serve the purpose. If anyone would like a copy, let me know and I'll send the file (long) via e-mail; I think it's about 6 pages on the word processor. Ask for file TESTCAD, and I'll dump it into the e-mailer.

Another good use for KeyCAD, by the way, is drawing up PCB patterns. I haven't experimented with that yet, but KI6DS has had one in QRPP drawn on KeyCAD. If you're designing a killer QRP project for your club or for publication, here's an easy (I hope :-)) way to do the drawing.

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org  
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org  
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA  
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Mon Apr 10 00:15:59 1995  
Message-Id: <2f89ccc7.pandora@pandora.lugs.po.my>  
Date: Tue, 11 Apr 1995 08:26:46 +0800  
From: "W. Daniel, 9V1ZV" <daniel@pandora.lugs.po.my>  
Subject: MFJ's DSP

Hi Gang,

Does anyone know if the MFJ's DSP is 16-bit or 8-bit? Thanks.

73 de 9V1ZV Daniel

--

```
+-----+-----+
| Daniel Wee | daniel@pandora.lugs.po.my |
| 9V1ZV      | daniel.wee@f516.n600.z6.fidonet.org |
| UUCP1.12j  | Packet: 9V1ZV @ 9V1VS.SGP.AS -- |
+-----+-----+
```

From owner-qrp-1@netcom.com Sun Apr 9 07:43:29 1995  
Date: Sun, 9 Apr 1995 00:47:21 -0700 (PDT)  
From: Monte Stark <ku7y@sage.dri.edu>  
Subject: Re: Mizuho on 20  
Message-Id: <Pine.SUN.3.90.950409004129.14042A-100000@nimbus>

Hi Byron,

Been there, tried that.....

Have made about 3 sets of touch paddles over the years  
before I could afford a set of paddles. Never could  
get one to work very well.

Some days seemed fine, other days I would have to keep  
my fingers wet and sometimes even keep my hand on a  
"ground" plate.

Not saying that it can't be done just pointing out what  
I tried. Still think the idea is good.

40m here in NV sure full of noise today and tonight. Worked  
a few stations but am going to give up for the night and  
go to bed.

73's, Ron

```
.....KU7Y.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Sun Valley, Nevada....
.....ARRL.....NorCal #330.....NRA LIFE.....
```

From owner-qrp-1@netcom.com Sun Apr 9 13:40:16 1995  
Message-Id: <199504091312.KAA11659@public.compuser.com>  
From: "Robert J Gobrick" <rgobrick@public.compuser.com>  
Date: Sun, 9 Apr 1995 12:32:31 +0000

Subject: Re: Mizuho on 20

Byron,

We are getting close - FAR Circuits sells the CMOS pc boards for a capacitance touch keyer (using scrap pc board material) that was in the May 91 73 magazine called the Copperhead. That pc board along with a curtis chip, CMOS Super Keyer, board (or a qrp-1 designed all-in-one board) may make for a real nice, lightweight, rugged on-the-road keyer.

I am bringing my "factory kit" Copperhead to Dayton for the hospitality suite show-and-tell (the kit is not available anymore from what I can tell - precut wood, paddles etc).

72 Bob V01DRB/WA6ERB

> From: Byron8LCZ@aol.com  
> Date: Sun, 9 Apr 1995 00:06:44 -0400  
> To: jlyons@cam.org  
> Cc: QRP-L@netcom.com  
> Subject: Re: Mizuho on 20

> How about a capacitive touch iambic paddle with built in keyer ?  
>  
> Sounds like a perfect QRP project, using CMOS chips for Extra low current  
> consumption. for portable use, capacitive paddles means no moving parts to adj  
> ust or break. just strap it on the radio and go.  
>  
> You could buy the CMOS-2 keyer kit for 45 bucks (complete info in the ARRL  
> handbook) and make the paddles out of aluminum. just need the touch circuit.  
> The Heathkit Micro-matic memory keyer used capacitive paddles. so the  
> circuits in there.  
>  
> Quick, somebody put on the theme music to "Mission Impossible"  
>  
> 72, Byron WA8LCZ  
>

-----  
Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada  
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compusult.nf.ca  
bgobrick@terra.nl.net.nf.ca

Compuserve: 70466.1405@compuserve.com



-----  
From owner-qrp-1@netcom.com Sun Apr 9 14:55:58 1995  
From: Byron8LCZ@aol.com  
Date: Sun, 9 Apr 1995 13:27:30 -0400  
Message-Id: <950409132725\_77127967@aol.com>  
Subject: Re: Mizuho on 20

Hi Ron,

I have the Heathkit touch paddles and they worked reasonably well, but i never spent the time to get totally used to them. You have to clean them periodically. The paddles are made of aluminum not copper. Plus at home, i prefer the look and feel of a mechanical key. But on the road (mobile) and portable, this seems like a much better way to go. especially if you're in a moving car. The circuit in the Heathkit keyer could be copied. it looks like a couple of chips and some discreet components. Not too difficult.

There was a big brass touch key at Dayton about two years ago, it had the keyer build into it and weighed at least four pounds. I think it was around 300 dollars or more. It looked like it was solid brass. But it was totally overkill, much too heavy and bulky. but the approach seemed to work, i played with the key a little and liked the feel. It didnt have any message memories. That usually sours me on a keyer real fast. i have come to depend on memories for all my operating, even portable.

Yes, the ARCI contest is moving very slowly. Very little activity today (Sunday), I'm glad i spent the time yesterday, when i worked 50 contacts.

I've only worked CA and AZ on 15m and OR on 20m. Not much propagation to the west from Michigan. 40m by far is the most active band, if you can live with the QRN, QRM, static, etc.

This morning i was awoken by the sound of rolling thunder, expecting to see some rain, i looked out the window and saw almost two inches on snow on the ground. those big chunky wet snow flakes that stick to everything. Unbelievable. so much for 50 degree days and adjusting the ol antenna soon. Where did i put that snow blower?  
WWV was so weak here, i couldnt even hear the solar forecast. it must be bleak.

72, Byron WA8LCZ Detroit

From owner-qrp-1@netcom.com Sun Apr 9 16:42:25 1995  
Date: Sun, 9 Apr 1995 11:13:04 -0400 (EDT)  
From: James Lyons <jlyons@CAM.ORG>  
Subject: Re: Mizuho on 20  
Message-Id: <Pine.SOL.3.91.950409111113.9421A-100000@stratus>

On Sun, 9 Apr 1995 Byron8LCZ@aol.com wrote:

> How about a capacitive touch iambic paddle with built in keyer ?  
>

Yes there was also a design in a SPRAT a while back but soes anyone have first hand experience of getting tohos to work reliably. I don't feel liek being out in advance of everyone blazing a trail!

Jim

>

From owner-qrp-1@netcom.com Sun Apr 9 17:41:22 1995  
Date: Sun, 9 Apr 1995 11:23:09 -0400 (EDT)  
From: James Lyons <jlyons@CAM.ORG>  
Subject: Re: Mizuho on 20  
Message-Id: <Pine.SOL.3.91.950409112052.9421C-100000@stratus>

On Sun, 9 Apr 1995, Monte Stark wrote:

> Hi Byron,  
>  
> Been there, tried that.....  
>  
> Have made about 3 sets of touch paddles over the years  
> before I could afford a set of paddles. Never could  
> get one to work very well.  
>

That's what makes me hesitate. I'd prefer a design for a simple small paddle that could be constructed without elaborate shop facilities ... perhaps it is "mission impossible" otherwise the design would already be there.

Jim, VE2KN

From owner-qrp-1@netcom.com Sun Apr 9 22:47:08 1995  
Message-Id: <9504100058.AA04659@host.igs.net>  
From: "Dave Burniston" <ve3lfo@host.igs.net>  
Date: Sun, 9 Apr 1995 19:40:32 +0000  
Subject: Re: Mizuho on 20

I use a toch paddle keyer circuit from SPRAT 48. It uses four IC's

and the paddles are made from PCB material. I find it works very well.

... Dave

-----  
Dave Burniston ve3lfo@igs.net  
-----

From owner-qrp-1@netcom.com Sun Apr 9 14:43:51 1995  
Date: Sun, 9 Apr 1995 09:54:51 -0600  
Message-Id: <199504091554.AA18826@teal.csn.org>  
From: bcutter@teal.csn.net (Bob Cutter)  
Subject: Musings

QRP is the dry fly fishing of ham radio. Now if we could only get Robert Redford to direct the movie.

72, Bob KI0G

From owner-qrp-1@netcom.com Sun Apr 9 03:22:31 1995  
Date: Sat, 8 Apr 1995 17:29:52 -0700  
Message-Id: <199504090029.RAA01641@ix4.ix.netcom.com>  
From: jeffa@ix.netcom.com (Jeff Anderson)  
Subject: Need HW-16 schematics

Just picked up an HW-16 at the local swap-meet. However, someone walked off with the manual from the seller's table. Would like to get a copy of the schematic & alignment procedures, if possible.

Thanks for any help.

- Jeff, WA6AHL

From owner-qrp-1@netcom.com Mon Apr 10 01:56:54 1995  
Date: Sun, 9 Apr 1995 15:46:03 -1000  
Message-Id: <199504100146.PAA10524@mango.aloha.com>  
From: beltrani@aloha.com (Paul Beltrani)  
Subject: portable paddles was Re: Mizuho on 20

>> Have made about 3 sets of touch paddles over the years  
>> before I could afford a set of paddles. Never could  
>> get one to work very well.  
>>

>That's what makes me hesitate. I'd prefer a design for a simple small  
>paddle that could be constructed without elaborate shop facilities ...  
>perhaps it is "mission impossible" otherwise the design would already be

Has anyone tried the paddles made from computer 'mice'? It seems they would be handy for portable/qrp use. i.e. small, light, cheap and you can hold it in your hand while you operate it. I haven't tried them, so I can't comment on the feel.

- Paul Beltrani

beltrani@aloha.com

ah6nu@nh6yw.hi.usa.oc Amateur Radio Packet

From owner-qrp-l@netcom.com Mon Apr 10 01:37:57 1995

From: PDouglas12@aol.com

Date: Sun, 9 Apr 1995 22:17:14 -0400

Message-Id: <950409221706\_77600279@aol.com>

Subject: QRP ARCI Spring CW 'TEST'

Well, I decided to torture myself. Despite knowing the sunspots are way down, and the Prop forecast was terrible, I did a single bander on 80m with my NN1G Mk2 running 6/10 watt. Made a total of 10 qsos with about 4 hours of on-off operating. Fooey. But it is amazing that any contacts could be made in those conditions, and a testament to the good weak sig operating skills of those other guys out there. You fellas who didn't get on missed some skill sharpening exercises and maybe some fun. Preston WJ2V

From owner-qrp-l@netcom.com Sun Apr 9 20:28:49 1995

Subject: QRP ARCI Spring QSO Party

From: brian.carling@acenet.com (Brian Carling)

Message-Id: <2a6.18247.500@acenet.com>

Date: Sun, 09 Apr 1995 17:03:00 -0500

>From: brian.carling@acenet.com

(zabrods@med.ucalgary.ca) VE6GK writes:

RZ>I have checked the antenna connections twice and tried 3 radios.....all  
RZ>I hear is static as of 0100 hrs utc.....this is NOT a good sign. It is  
RZ>likely a major flare or a total absense of sunspots. Will give it a try  
RZ>for the gipper tomorrow but it does not look good here in the thawing north!

Same here Dr. Rick... at 1000 UTC things ar noisy and almost no signals on any band!

WHY on earth would they stage a QRP contest at this time of the year anyway? Things are awful here. No surprise. Look at this:

Date: 04-08-95 (00:53)

W1AW@ARRL.ORG

ARLP016 Propagation de KT7H

Seattle, WA April 7, 1995  
To all radio amateurs

(FOUR COPIES of FROM address deleted!!)

Solar activity was down last week, averaging about 14 points below the previous period. April 5 had zero visible sunspots. Solar flux should rise, peaking in the mid nineties around April 17 through 20. After April 26 the flux should be back around 80.

Conditions over the next few days should be disturbed, with a coronal hole having maximum effect around April 9. Watch for K indices around 4 or 5. Conditions should become quite stable after April 13, with the quietest geomagnetic conditions around April 17 and 18. Watch for another disturbance around April 22, with quiet conditions returning at the end of the month.

GREAT! JUST WHAT WE NEED! OH WELL MAYBE 20 meters will come through with a few contacts, sigh!

72 de AF4K in MARYLAND

---

~ SLMR 2.1a ~ I've told you a million times not to exaggerate!

From owner-qrp-l@netcom.com Sun Apr 9 20:19:30 1995  
Subject: QRP Contest  
From: brian.carling@acenet.com (Brian Carling)  
Message-Id: <2a6.18248.500@acenet.com>  
Date: Sun, 09 Apr 1995 17:03:00 -0500

>From: brian.carling@acenet.com

Come on you guys, only 2 hours to go.

How about firing up those rigs and take a REAL CLOSE LISTEN for the pipsqueak signal from AF4K in Maryland. I'll start out on 40m at 1200Z but probably have to move to 20m right away unless it improves over what I hear now!

FYI: I am running 5 watts to a 128 foot End-fed "stealth" wire up only 15 feet high.

```
\\      IKKMMMMMM;    Amateur Radio AF4K      IMMMMMMIK;      \  /
///     H<MMMMMM< Brian in Gaithersburg, MD HMMMMMM<H<     ____ \ / ____
```

/ \

brian.carling@acenet.com

---

~ SLMR 2.1a ~ I've told you a million times not to exaggerate!

From owner-qrp-l@netcom.com Sun Apr 9 09:52:09 1995

From: DALE.MATHISEN@hamlink.mn.org (DALE MATHISEN)

Date: Sun, 09 Apr 1995 00:48:34

Message-Id: <797382832.AA01133@hamlink.mn.org>

Subject: QRP KITS

Hello Gang....

I am interested in finding the specs on the Norcal 40(A) QRP unit.

I am new to QRP and I would like to find a kit that allows CW and possibly SSB transmit and receive on 40M. I have heard much about the Norcal 40(A), but I would like to know things like freqs, specs, and costs.

I am also interested in getting info on becoming a member of the QRPP or G-QRP or any other QRP Group which has a Newsletter or Bulletins.

If anybody has any other suggestions on QRP kits (on other bands besides 40M and including 40M) which have been fairly easy and very rewarding to build, please drop me a line at Dale.Mathisen@hamlink.mn.org.

I would also like comments and or reviews of different units so that I can make (I hope) an informed decision on which kit to build....

Thank you for reading this....de NOVXH (Dale Mathisen in MN)

---NoSnail v1.17

\*\*\*\*\*

HAM>link< RBBS - Serving the Amateur Radio Community Since 1983

- 612/HAM-0000 v.34

Ham Radio Spoken Here!!

- 612/HAM-1010 v.32b

Reply to sender @ hamlink.mn.org

\*\*\*\*\*

From owner-qrp-l@netcom.com Mon Apr 10 04:10:29 1995

From: N9DD@aol.com

Date: Sun, 9 Apr 1995 21:56:53 -0400

Message-Id: <950409215647\_77577155@aol.com>

Subject: QSO Party

As someone on the list predicted, a solar storm brought poor conditions for this one. It was weird for sure. At the start of the contest, W8MVN, who is usually pounding in here to South Bend with a 40db over S9 signal on 40 meters, sounded weak and warbly. Not more than a half hour later, and he was

S8.

I used my NorCal 40A for most of the contest. I did manage a few QSOs on 20 with my NN1G rig, but decided to forget that and go with a single band 40 Mtr entry.

I ended up with 37 QSOs on 40 with 18 SPC. Running the NorCal 40A at .95 Watts gave me a final score of 29, 520 points. Antenna was a 130 ft Dipole, fed with 450 ohm ladder line.

After reading the list message about the propagation predictions, I realized that through 23 years as a ham, I have never really taken the time to understand what the solar flux index, A index and K index were all about. It has always been one of those things that went out of my brain as quick as I fed it in. With the poor conditions, I had time to do some reading and dug out the ARRL Handbook and Antenna Book and did some studying. With the help of some WWV propagation reports on the local packet cluster, I can say that I now understand what the numbers mean alot better. It really is pretty interesting stuff!

I hope the rest of you had fun in the contest. Thanks to all the diehards who stuck it out.

72,

Tom N9DD  
South Bend, IN

From owner-qrp-l@netcom.com Sun Apr 9 20:19:33 1995  
Date: Sun, 9 Apr 1995 21:36:26 GMT  
From: Goran Hosinsky <goran@royac.iac.es>  
Message-Id: <9504092136.AA02992@royac4.royac.iac.es>  
Subject: RADIOWARE phone number?

Hi!

Does anyone have a phone number for Radioware other than their 1-800-950-9273? The 800 -stuff does not work from here and they don't answere questions via fax.

73

Goran EA8YU hosinsky@royac.iac.es

From owner-qrp-1@netcom.com Mon Apr 10 02:03:24 1995  
Date: Sun, 9 Apr 95 22:00:28 MDT  
Message-Id: <9504100400.AA17538@rgfn.epcc.Edu>  
From: ab253@rgfn.epcc.Edu (Andrew Hair)  
Subject: Results - ARCI QRP Contest

To all:

This weekend's ARCI QRP QSO party really had some crummy conditions. I spent about 8 hours total (off and on) trying my luck from here in El Paso. Most of the stations heard were weak and faded in and out, which isn't any surprise given the ionospheric disturbance going on--bummer (as my teenager would say).

Nevertheless, I did manage 55 QSO's on both 40 and 20 meters. The rig used was an FT-757GXII into a couple of dipoles up 30 feet. I was surprised, on Saturday to have HP1AC (Panama) come back to one of my million CQ's sent. Also, I managed to work David Sumner K1ZZ, editor of QST. I didn't know he was a QRP'er. Maybe we'll have more QRP news in upcoming editions of QST's. Who knows?

At any rate here's my effort for the the weekend:

221 QSO Pts x 18 SPC's x 7 (5W mult) = 27,846 total points

It's not world-class score, but I had fun anyway. How did everyone else do, despite the lously conditions? The manuals are really right about that polar absorbsion stuff, I only heard one VE all weekend. Oh well, here's hoping for better conditions for the next test.

72's es 73's

Andrew Hair - AB5WB  
El Paso, Texas

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From owner-qrp-1@netcom.com Mon Apr 10 01:00:43 1995  
From: CamQRP@aol.com  
Date: Sun, 9 Apr 1995 23:54:43 -0400  
Message-Id: <950409235442\_77706350@aol.com>



Subject: Spring QSO Party, Lousy Propagation

Crummy propagation. Ernie was down to 559 out here.

72, Cam

From owner-qrp-l@netcom.com Mon Apr 10 00:45:52 1995  
Message-Id: <199504100101.WAA24289@public.compuser.net>  
From: "Robert J Gobrick" <rgobrick@public.compuser.net>  
Date: Mon, 10 Apr 1995 00:49:00 +0000  
Subject: The morning after.. (the Spring 95 CW QSO Party that is)

QRP-L Contest Animals,

Well the Spring 95 ARCI CW QRP QSO Party was beautiful - hardly any atmospheric noise or qrm on 20 meters - as a matter of fact there was hardly "anything" on 20 or any band for that matter.

I did manage to rack up some Q's, many with the local gang here (WA8MCQ, W1FMR and a few others) and then there were the serious types (the stations I heard on as much as I) - Byron WA8LCZ, K7 YHA, WA0RPI etc.

And then there were some surprises for me on this dead band - worked HP1AC/QRP in Panama and FM5CW/QRP around 22:00 on Sunday - just sitting waiting for a 559 from me.

So let it not be said that during a major solar burn-out you can't work any stations. My totals were 60 Q's, 252 points, 23 SPC, 5 watts for 40,572.

Oh, just an Argosy Digital, MFJ memory keyer, WB2QAP's ARCI Contest Software and the little MFJ Super Hi-Q Loop on the balcony did the trick.

Thanks for all who strained their poor ears digging me out (nothing like the slow AGC on the Argosy when a AMtorer gives you a full blast on 14.060 when the earphone volume is WAY UP - ouch.

72 and Thanks Cam N6GA and the ARCI for another nice one.

Bob V01DRB (WA6ERB)

-----  
Bob Gobrick - V01DRB/WA6ERB/VE2DRB - Newfoundland, Canada  
QRPer Galore - ARCI, GQRP, NORCAL, NEQRP, COQRP, MIQRP, NWQRP

Internet: rgobrick@public.compuser.net

bgobrick@terra.nlnet.nf.ca

Compuserve: 70466.1405@compuserve.com

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From owner-qrp-l@netcom.com Sun Apr 9 04:32:24 1995  
From: carreiro@netcom.com (Paul Carreiro)  
Message-Id: <199504090709.AAA10414@netcom22.netcom.com>  
Subject: Re: tx/key  
Date: Sun, 9 Apr 1995 00:09:42 -0700 (PDT)

> Hi,  
> has anyone ever heard of building a qrp transmitter right on a straight key?  
> ....  
> 72..Phil KD8UX

Although not a straight key, the Vibroplex Brass Racer has a neat compartment between the wooden base and brass super-structure. Has anyone made an attempt at putting something in there besides the EK-1 keyer option that Vibroplex has available?? Seems like a possible "hiding place". Sure would produce some double takes... feedline, power, headphones... no rig in sight!

72 to all.  
Paul N6HCS/M/QRP  
carreiro@netcom.com

p.s. It's time to get back to QRP here on the list. Let's stop all the public bickering. If you must, do it privately.

From owner-qrp-l@netcom.com Sun Apr 9 15:24:32 1995  
Message-Id: <9504091419.AA10087@us1rmc.bb.dec.com>  
Date: Sun, 9 Apr 95 10:19:53 EDT  
From: Bill Acito 09-Apr-1995 1019 <acito@asdg.enet.dec.com>  
Subject: Wiped out by the Sun

re: the poor band conditions

from the Space Environmental Laboratory home page  
<http://www.sel.noaa.gov/>

Prepared jointly by the U.S. Air Force  
and the U.S. Dept. of Commerce, NOAA, Space Environment Lab.

SUBJ: HF RADIO PROPAGATION REPORT  
JOINT USAF/NOAA BULLETIN PREPARED AT THE AIR FORCE SPACE  
FORECAST CENTER, FALCON AFB, COLORADO.

PRIMARY HF RADIO PROPAGATION REPORT ISSUED AT 09/0600Z APR 95.

PART I. SUMMARY 09/0000Z TO 09/0600Z APR 95.

FORECAST 09/0600Z TO 09/1200Z APR 95.

		QUADRANT			
		I	II	III	IV
		0 TO 90W	90W TO 180	180 TO 90E	90E TO 0
REGION	POLAR	U3	U3	U4	U4
	AURORAL	U3/-20	U3/-20	U4	U4
	MIDDLE	N5	N5	N6	N6
	LOW	N6	N6	N7	N7
	EQUATORIAL	N6	N6	N7	N7

PART II.

GENERAL DESCRIPTION OF HF RADIO PROPAGATION CONDITIONS OBSERVED DURING THE 24 HOUR PERIOD ENDING 08/2400Z, AND FORECAST CONDITIONS FOR THE NEXT 24 HOURS. THE GEOMAGNETIC STORM CONTINUES. DEGRADATION IN THE FORM OF FADING, ABSORPTION, AND MULTIPATHING OF SIGNAL HAS CONTINUED TO AFFECT HF COMMUNICATIONS, PARTICULARLY IN THE HIGHER LATITUDES. THESE CONDITIONS CONTINUED THROUGHOUT THE DAY.

FORECAST: EXPECT CONDITIONS TO REMAIN DEGRADED IN THE HIGHER LATITUDES TODAY AS WELL.

PART III. SUMMARY OF SOLAR FLARE INDUCED IONOSPHERIC DISTURBANCES WHICH MAY HAVE CAUSED SHORT WAVE FADES IN THE SUNLIT HEMISPHERE DURING THE 24 HOUR PERIOD ENDING 08/2400Z APR 95 . . .NONE

.....  
PROBABILITY FOR THE NEXT 24 HOURS . . . . NIL

PART IV. OBSERVED/FORECAST 10.7 CM FLUX AND K/AP.

THE OBSERVED 10.7 CM FLUX FOR 08 APR 95 WAS 072.

THE FORECAST 10.7 CM FLUX FOR 09, 10, AND 11 APR 95 ARE 074, 076, AND 078.

THE OBSERVED K/AP VALUE FOR 08 APR 95 WAS 04/34.

THE FORECAST K/AP VALUES FOR 09, 10, AND 11 APR 95 ARE 04/25, 03/20, AND 03/15.

SATELLITE X-RAY BACKGROUND: A1.0 (1.0 E MINUS 05 ERGS/CM SQ/SEC).

THE EFFECTIVE SUNSPOT NUMBER FOR 08 APR 95 WAS 017.0.

99999

. . . . . - I own my own words - . . . . .

Bill Acito  
acito@asdg.enet.dec.com

|d|i|g|i|t|a|l|  
Digital Semiconductor - Fab 6  
Hudson, MA

kc1gs (qrp-ne #260, arrl life)